

PATENT ABSTRACTS OF JAPAN

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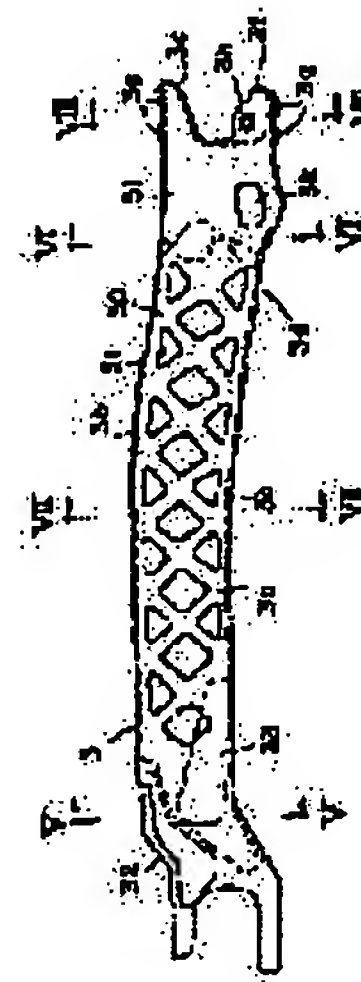
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(21)Application number : 03-013015 (71)Applicant : MAZDA MOTOR CORP
(22)Date of filing : 10.01.1991 (72)Inventor : KASHIWAGI AKIHIRO

(54) POWER UNIT SUPPORT STRUCTURE FOR AUTOMOBILE**(57)Abstract:**

PURPOSE: To lessen the weight of a power plant frame, and obtain an automotive power unit support structure having the power plant frame capable of reducing a noise and a vibration.

CONSTITUTION: Reinforcements 30 to 33 comprising a vibration absorbing steel plate with a resin layer sandwiched between steel sheets are applied to the body of a power plant frame 3. As a result, the damping force of a vibration becomes large, and the occurrence of a noise can be restrained. Also, the reinforcements 30 to 33 made of the aforesaid vibration absorbing steel plate are divided into a plurality of sections, and formed only through a bending process. Consequently, a bending work for the vibration absorbing steel plate can be lessened, and formed without damaging the resin layer thereof.

**LEGAL STATUS**

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